

ABSTRACT OF THE DISCLOSURE

The invention discloses polynucleotides and polypeptides of arrestin and odorant receptors. Also disclosed are methods for producing such polypeptides and methods of making antibodies. This invention also discloses a method of identifying compounds that bind to arrestins or odorant receptors. A method of identifying compounds that inhibit the binding of mosquito arrestin to a mosquito odorant receptor is also disclosed.

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